# RV 5200 Bumperfit Color Rearview Camera

## Installation and operating instructions

## Safety precautions

**ATTENTION:**

**Installation may only be carried out by trained specialists! Observe all quality standards of the automobile industry!**

**Consult with your authorized car dealer if installation requires the drilling of holes or other modifications of the vehicle.**

**Fire hazard! When drilling pay attention to the location of cable harnesses, tank and fuel pipes! Never drill into car parts which are load-bearing or are important for safety reasons!**

**Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.**

**Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake and seat rails. Do not route wiring in places that get hot, such as near the heater outlet.**

## Scope of delivery

1 Camera with 1.5 m connection cable
1 6 m Extension cable (also available as an accessory)
1 Mounting bracket (incl. screws and washers)
4 Self-tapping screws
1 Short instructions (English language)

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**Subject to technical and visual changes and typing errors.**

## Mounting examples

1 Front ring

2 Tilt adjustment ring (optional)

3 O-ring (small)

4 O-ring (large)

5 Tilt adjustment ring (optional)

6 Clamping ring

7 CCD camera

8 Connector

9 Screw 3 mm

10 Spring washer

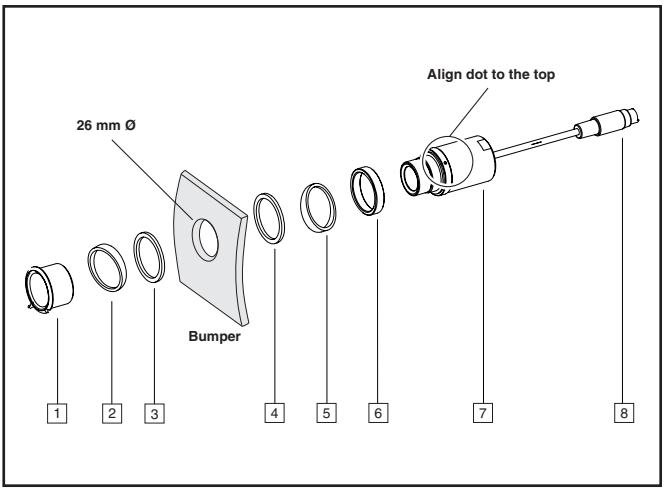
11 Toothed washer

12 Bracket base

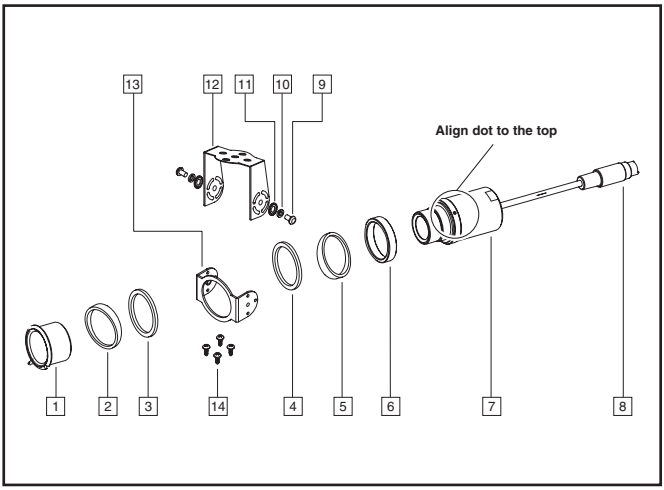
13 Bracket

14 4 self-tapping screws for bracket base fixation

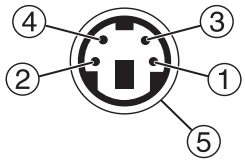
### 1. Bumperfit mounting




### 2. Mounting with bracket



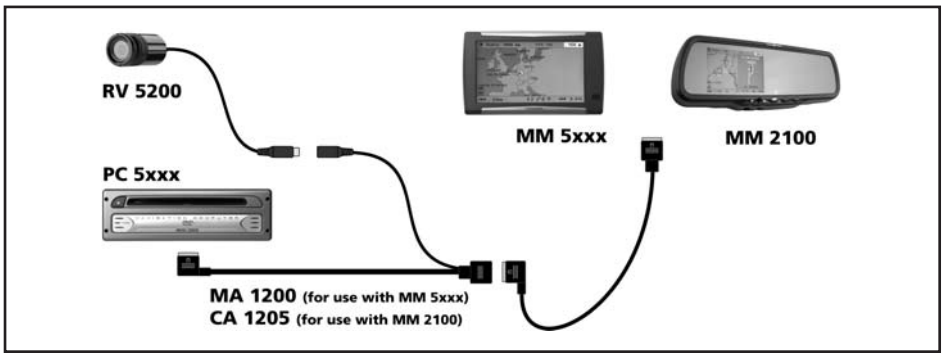
## Pin assignment



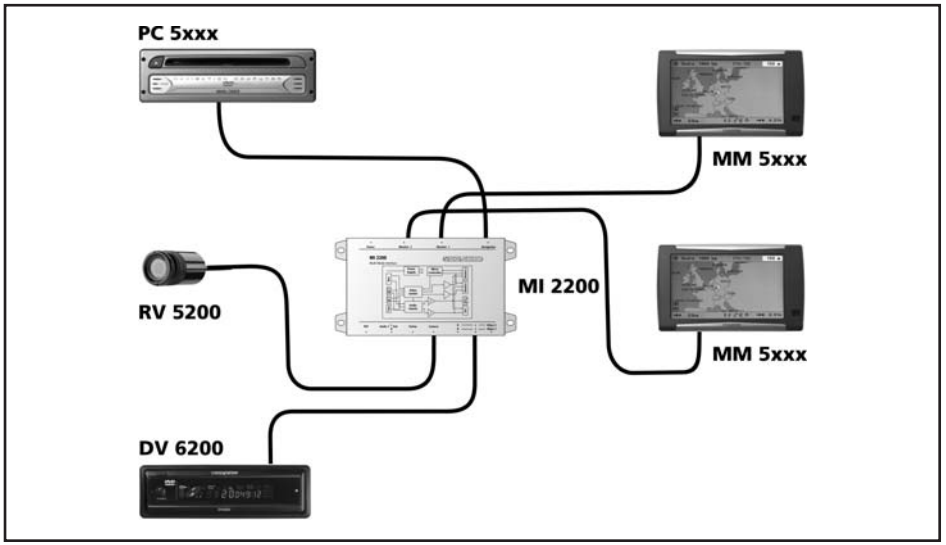

| PIN No. | Description |
|---|---|
| 1 | + 12 V DC power supply |
| 2 | CVBS Video output |
| 3 | Not connected |
| 4 | Not connected |
| 5 | Ground |

## Application examples

### 1) Direct connection to Monitor Navigation System with adapter cable




### 2) Connection to Multimedia System via MI 2200



## Specifications

| | |
|---|---|
| Video standard | PAL, 625 lines, 50 Hz |
| Image sensor: | 1/3 inch CCD |
| Resolution: | 512 (h) x 582 (v) pixels |
| Sensitivity: | 0.9 Lux / F 2.0 |
| Viewing angle | 130 ° diagonal |
| Video output | 1.0 V pp Composite Video, 75 Ohms |
| Supply voltage: | + 12 V / DC |
| Power consumption: | 150 mA max. |
| Operating temperature range: | - 25° Celsius to + 65° Celsius |
| Storage temperature range: | - 30° Celsius to + 80° Celsius |
| Dimensions: | 25 mm x 58 mm (caliber)<br>30 mm x 58 mm (exterior) |
| Weight: | 110 g |